TYPHOID FEVER MAY BE CAUSED

ent of outsiders. Mr. Whit-a man of more than average is hardly prepared to do Department, Dr. Levy

jump to the conclusion that lowest of any Southern city, If there were four or five times

g Lasins. The bastus should

men of the leading fives edites in this country who have done the most for the loand should take and read this publication, said Dr. Grinnam, "In Dors Not Harm Water the explained, did no harm publication," said Dr. Grinnam, "In Dors Not Harm Water the explained, did no harm publication," said Dr. Grinnam, "In Dors Not Harm Water the evident effort of the Administration of the street of the same and the proper methods of treating liver water for human of restraing liver water for human of restraing liver water for human of the city of London. We have got to the city of London. We have got to the city of London. We have got to the control by a human of the city of London. We have got to the city of London. We have got to the city of London. We have got to the control by having ciphold around as good and the control by the hold at Same line of the city of London. We have got to the control by the hold at Same line bank and the long three water for human of the city of London. We have got to the city of London. We have got to the city of London we having ciphold around as good and the control by having ciphold around as good and the control by having ciphold around as good and the classes of the city of London. We have got to the city of London we have got to the city of London we have got to the city of London we have got to chearing a meeting like the control by the control by having ciphold around as good and the cause to be stable keeper i met the control by having ciphold around as good and the cause to be a face of the city of London we have got to chear the control by the control

the Administrative Board. He wanted should prevent his appearing before to invite the Administrative Board to the Administrative Board to the Administrative Board to the Administrative Board to the Administrative Board or consulting the state of the Board of the Bo

and that our people are menaged. Our practically immune from typhoid, and object is to remove that danger. We a large part of which is served from ment at the New Reservoir, now

when the situation requires it. Dr. W. S. Beasley wanted a commitconditions and report to the regular meeting of the academy to-night Others objected to any delay, and at Dr. Johnston's suggestion Dr. Allen W. Freeman, Assistant State Health Commissioner, was asked to state the

days, and I have no desire to take part in the political and Administra-tive Board complications. But I have gent men, and especially among physicians who know of the record of the local Health Department since Dr. ditions in Richmond, and have been watching the situation here closely. we have a watching the situation here closely.
we have a symen have a "In 1907, when I was Medical Investment spector of the Richmond Health De-

in their own partment, we had an average of from throw all of 400 to 530 cases a year, and a death recourse to the State concluded that it was not due to work of the character assigned to him.

My criticism of the resolution is this: in epidemic here second only llow fever epidemics of for-s. I do not feel apprehen-the five times Richmond week by week The situation. They know where is. We might have a hungs in one section of Richmond.

Richmond week by week. The Settling Basins gave us what we believe to be a thoroughly reliable supply of water. which is precipitated with the alum.

gion there came water Evidently Infected.

"I have thought for some time that authorities take just before the water runs into the want to drive people away from ity, or have Richmond advertised i unhealthy place, when there is use for it.

In the last chance of interest in the control Basins, Says Robins, his is not a doctors' quarrel, Dr. Charles R. Robins, "We acting as the guardians of acting as the guardians of the cases began to increase acting as the guardians of the cases began to increase in May, and have since steadily interest of the cases reported as using milk in the city. The Richmond Dairy sells about half of the entire city, and about half of the entire city. where precautions are taken.

last summer by injecting it into its to drain aqueduct. Washington, Baltimore and Norfolk are putting lime into their water just as we propose to do, though Washington has a most claborate and expensive filtration plant, and Norfolk has almost no typhoid at the control of the

"The appropriation the Council has recently made to advertise the city would run such a plant for a year, and would run such a plant for a year, and desire to show a low expense in operthere could be no better advertisement ating the basins than a low typhoid rate. There is no 7. That provis

treatment of river water such as the Richmond supply, whether there is typhoid here or not. We used a lime of pumping direct into the stand pipe. typhoid here or not. We used a line plant at Front Royal, where, in that small town, there was an epidemic of more than 100 cases, with brilliant success, shutting off the contagion almost immediately. The plant installed by the State Board of Health there, and which absolutely checked the epidemic, which absolutely checked the epidemic, appointing Mr. Whitfield to examine into the source of typhoid cases. whatever may be the local controver-

Settling that the remedy be applied."

The process of coagulation takes out and that his remarks be adopted as the typhoid situation and excluded Levy.

Dr. McGuire Newton said that he had heard it reported that eight of the cases reported in June were from but net absolutely above families using milk from the Acca Dairy. He did not know as to the truth of the assertion.

and Norfolk has almost no typhoid at into the river just above the intake present.

No Taste or Odor.

6. That the water was not as clear

than a low typhoid rate. There is no taste, no odor, no dissolved matter, no ill effects on the water. My own opinion is that it should be used in the consulted before serious changes be

doing it every day and with every case. We have no right, however, prohibit the Administrative Board that our resolution did not mean that they could not get at any time such

said Dr. Levy,

MAYOR URGES BOARD

TO GET PURE WATER

Transmits Letter From Chief Health Officer in

Which Latter Expresses Belief That Some

Typhoid Cases Were Caused

by Water Trouble.

Health Officer Levy in regard to ty- I am told that this has probably bee phoid fever and the condition of the due to an effort to economize in th water. In sending the Levy letter, use of alum. I most earnestly recom-Mayor Ainslie wrote the board as fol-

The Honorable Administrative Board, clear as can possibly be obtained, and

Dr. Levy to the Mayor.

June 19, 1913.

Honorable George Ainsile, Mayor of the City of Richmond:

Dear Sir,—in accordance with your all my reasons for believing a term all probability so caused not in this communication enter all my reasons for believing this will only seemed to the second the second term of the second terms of the second terms

June 23, 1913. to our water whatever amount of alum may be necessary to secure water as

said President Oppenhimer, "Mr, Whitfield came to m ministrative Board to presume to take such a stand and was a reflection of this department. It is wholly unnecessary expense and a usurpation of au They have overstepped bounds of propriety and good ands-ment, and are neither qualified to make such an investigation nor conchemical analysis show typhoid. It takes judgment and

handle such an investigation," com-mented Mr. Phillips.

Meets Again To-Night,
"If they have any modicum of doubt about the purity of the water or the prevalence of typhoid, they

don, "they kick vehemently when this ple precaution"

sidered action, the bear I adjourned over until to night, when the efforts the Administrative Board to take further considered, 17, structed, meanwhile, to Whitfield with a list of the

sweeping them was adopted.

Every Broad Rock container is thoroughly sterilized with live steam before being filled.

Broad Rock Water Reaches YOU Wonderfully Pure

to protect the water supply: June 17, 1913.

Water Works, Richmond, Va.: Dear Sir,-There are more cases of on the north and Main Street on the stalling this plant. Dr. Levy himself south, a considerable proportion of having expressed the opinion that the in the city of Richmond water is pure

premises which have dry closets and wells, there are very few cases at he present time on such premises.

are in this heretofore favorable sec-

others which seem to me almost equal-ly important, suggest very strongly to my mind the probability of our public water supply being responsible reasons is the fact that there have should have had, thus showing that the purification plant has not

water supply. This plant should be located either at the lower end of the oagulating basins or on the middle newspaper reports of the climb of the location has two distinct advantages: That it would be under the im Mayor Ainslie yesterday transmitted to the Administrative Board a letter water which has come to my own home received by him on Saturday from Chief Health Officer Levy in regard to tyreservoir, this latter result will not be was scaled in 1910 by Thomas Lloyd, obtained unless the present method of Fairbanks, Alaska, and three others, of pumping directly from the coagu-but the southern summit, several hunis abandoned, and the old world.

impress you in the same way. I may of the Alaska division of the United

Very truly yours, E. C. LEVY, Chief Health Officer.

ti is obviously our plain duty promptly and completely to do everything within our means to provide as pure water for this city as may be had. These or this recommendations follows a commendation of the survey made by Dr. Levy of our tire purification system, and are obtained performance of a duty to raise the city's water supply to as high standard as may be done by human efforts. Very respectfully, GEORGE AINSLIE, Mayor, Mayor, Mayor, Since taking the position of all the above. We have at the present time forty-eight cases of typhoid fever in the city. While it is certain that not all of these are due to our water supply. I have strong reason for believing that a considerable number of these cases all probability so caused. I will STATE'S HEALTH EXPERTS THINK DANGER IS GRAVE

Several of the foregoing recommen-titions have been at one time or an-bar recommendation of the foregoing recommen-bar recommendation of the foregoing recommendation several of the foregoing recommendations have been at one time or another recommended by the Superintendent of the Water Works. In this connection I desire to state that the Superintendent of the Water Works has almost the superintendent of the water works have been superintendent of the water wate superabundance of red tape which impedes co-operation of action. All questions upon which both bodies have task of peak scaling. All of the camp jurisdiction must be handled through supplies must be conveyed over this the president of the Board of Health rugged trail. Furthermore, the hardways shown every desire to follow all recommendations made by the Health Department, and has actually followed and the Administrative Board, and not est part of the climb is several thousimply through the Chief Health Offl-cer. The Hirschberg resolution is in-tended to cut this bond of tape and them in every instance where it was place the Chief Health Officer in a position to urge any necessary co-op-eration in person before the Adminisdesirable that trative Board.

Hirschberg Resolution.

the Health Department should always be consulted before any important change is made in connection with our water supply—such, for example, as the change above discussed in connection. The resolution, which was adopted unanimously, reads:
"That the clerk of the board be instructed to write the Board of Health | Tells How He and Companion Killed structed to write the Board of Health sure service directly from the coagulating basins instead of from the New Reservoir. Such matters as his are highly important from the standpoint of public health, and should in every instance have the approval of the Health Officer, to appear before the board in reference to the water supply of the city of Richmond. I may mention that I have discussed all the above with Dr. A. W. Freeman, Assistant State Health Commissioner, and he most heartily agrees with all the above conclusions and recommendations. I most urgently ask that Your Honor take all possible steps for seeing that the above recommendations are put into effect. All of them will cost the Board of Health and body to rescind its action of February 25, 1913, requiring all requesting that body to rescind its action of February 25, 1913, requiring all requesting that body to rescind its action of February 25, 1913, requiring all requesting that body to rescind its action of February 25, 1913, requiring all requests for co-operation to be addressed to the president of the Board of Health Body to rescind its action of February 25, 1913, requiring all requesting that body to rescind its action of be addressed to the poseration to be addressed to the poseration of Health and to allow Dr. E. C. Levy to appear before the board in reference to the water supply of the city of Richmond."

The first action taken by the board in the morning was to formally pass all the above conclusions and recommendations. I most urgently ask that Your tion offered Saturday by Mr. Hirschberg, providing for the investigation of the typhoid situation and the water supply by Dr. J. M. Whittfield, the City Others are supply by Dr. J. M. Whittfield, the City Chemist. The paper was adopted with out argument. The letter written to the Board of Health and to allow Dr. E. C. Levy to appear the formack aged twenty-one, is alleged to have confessed to officers to officer tion with pumping into the high presrequesting that body to rescind its ac taken toward the installation of the hypochlorite plant demanded by the city and State health authorities, except for the passage of the Whitfield investigating resolution. What progress, if any, the City Chemist has made with his personal investigation out that W. B. Shepard, of Philadel. of the typhoid cases in the city is not phia, who has been staying at the Hyde known.

Park Hotel, married Mrs. Camp, of To state the attitude of the Admin-

under the railway into the river, lead of into our basins.

Overflow From Canal.

I understand that there is, at one at into the river a short distance into the water.

Supply Protection.

Following is the official Document Which Led to Row Over Water

Supply Protection.

Following is the official ommunication of the citizens of Richmond in the citizens of

June 17, 1913.

E. E. Davis, Superintendent of Water Works, Richmond, Va.: ear Sir.—There are more cases of loud fever in the attraction of the Water Works, when consulted by the board, expressed the onising that feel was superintendent of the Water Works, when consulted by the board.

ROBERT WHITTET, JR.,

ON STUCK'S STORY

Scientists Credit Statement That He Reached Top of Mount McKinley.

Washington, June 23.-Conquest of een operated with the highest degree the most difficult ascents in the world, strongly recommend and urge that pal missionary to Alaska, has excited steps be taken for the immediate in- no surprise among Washington selections.

into the high pressure dred feet higher, had so far defied the

"The first mention I have ever been writings of George Vancouver, the alkalinity of the water, that proour immediate attention, since
obviously our plain duty promptly

r, its author, I am of opinion the alkalinity of the water, that proter over fully with the State Health "Department, and they fully concur in the addition of because of its of its though the Russians knew of its of i

"The real credit for its discovery belongs to W. A. Dickey, a miner of Alaska, who reached its base in 1906, and christened it 'Mt. McKinley.' Al though equipped with no scientific in struments, he computed its height with wonderful accuracy, and found it to be more than 20,000 feet high. "His report was published in a New

York newspaper, and his claim of hav-ing docated the highest mountain in North America was laughed at. Sub-sequent surveys, one of which I made myself, have shown this claim to be

beyond dispute."

The first attempt to scale the moun-

the base one must travel more than sand feet below the summit, so most of the climber's camp equipment must be carried on his own shoulders. Dog teams have been used to carry the burdens part of the way up, where the trail follows the glaciers, but only a man can ever get near the top,'

MURDERER CONFESSES

Officers are searching for the young

Phialdelphia, with the utmost secrec To state the attitude of the Administrative Board for the public's benefit, the commissioners had a committee to draw up the following paper as the official expression of the board:

"The Board's Defense.

"The Administrative Board deeply regrets that the citizens of Richmond have been so unnecessarily alarmed about the water, or excited to the belief that typhoid fever in some cases.

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"The Board's Defense.

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"The Board's Defense.

"The Board's Defense.

"The Administrative Board deeply regrets that the citizens of Richmond have been so unnecessarily alarmed about the water, or excited to the belief that typhoid fever in some cases."

"But the utmost secrecy last Saturday morning at the West London register office, and afterward started on an automobile tour of England. Friends of the couple to-night expressed great surprise at the news.

"In the Board's Defense."

"The Administrative Board deeply regrets that the citizens of Richmond have been so unnecessarily alarmed about the water, or excited to the belief that typhoid fever in some cases."

Dr. Levy, at Special Meeting, Explains Why Safeguards Are Necessary-Refuses to Rescind Rule at Request of Administrators-Sharp Comments.

BY BOARD OF HEALTH

TYPHOID DISCUSSED

should prevent his appearing before the Administrative Board to attend, holding that it would be wiser to concellinte in order to accomplish something. Dr. Call stuck out for the broad proposition that in certain matters the health authorities should be supreme.

"Our purpose here," said Dr. George Ben Johnston, "is to safeguard the public, We don't want to antagonize public, We don't want to antagonize that the sease came that is before us. I don't think it necessary to appeal to Levy or to the Administrative Board of Health Department was repeal to Levy or to the Administrative Board of Health Department was repeal to Levy or to the Administrative Board of Health Department was repeal to Levy or to the Administrative Board of Health Department was repeal to Levy or to the Administrative Board of Health Department was recommend that the resolution distinctly stating that the Board of Health Adversed the full-stant plant of the pressure service, and desired its officers to be of all public. We don't want to antagonize the Administrative Board or consultation distinctly stating that the Hold form the resolution distinctly stating that the Board of Health favored the full-stant plant of the proposition, he wrote a letter to the situation, he wrote a letter to the following recommend the Pollowing recommend that the Posturation between departments and desired its officers to be of all possible service.

In regard to the typhoid situation between departments and desired its officers to be of all possible service.

In regard to the typhoid situation between the full-stant plant of pumping from the reservoir of the stand plipe be redicted the Administrative Board or consultation, he wrote a letter to the following recommend the provision was made in regard to the typhoid situation, he wrote a letter to the stand plant of pumping from the reservoir to the stand plant of pumping from the reservoir to the stand plant of pumping from the reservoir of the searly plant of pumping from the reservoir of the stand plant of pu

that the members of the Administrative Board remind me of the livery tive Board remind me of the livery stable keeper I met the other day, stable keeper I met the other day, who objected to cleaning up his stable, and said he thought files were healthy. Whitfield to examine into the typhoid situation in Richmond and ascertain the source of the infection. This official report from which I have read urges every city to use hipponent of lime until an investigation at take place. You all know that a bacteriological examination, to be of any value, would have to be continued over several months. White we were captured by the Health Department that the facts suggested very "Prongly that the water was at fault; that the water was at fault; that the water was at fault; that the water was at fault that the facts suggested that for a good many captured to the water, and the water operated at the highest efficiency in the Administrative Board. That would be all right if it would just stop there," was a comment from the city Home, and called on him for other services not strictly speaking in its option. The Board of Health felt then that it should be consulted the rear, amid laughter.

Pr. Garnett Nelson objected to taking any action that would antagonize, any again action that would antagonize the Administrative Board he wall prevent his appearing before and the special most of the city government. It was ing any action that would antagonize the Administrative Board he wall prevent his appearing before and the meeting of the Richmond and ascertain the source of the infection.

Last Tuesday, following his final congete with Dr. Freeman, he had dictated a letter to Mr. Davis showing agreeable ofor and taste imparted to Mr. Davis showing affectable of the vate facts suggested very "Prongly that the water was at fault; that the water as a fault that the water as a fault of the water force of the infection.

This

OUT OF DOUBT AND WORRY ABOUT THE FUTURE HOW?

By Opening a SAVINGS Account With

Richmond Trust and Savings Company

Capital, One Million Dollars.

Begin with \$1.00 or more weekly, and watch it grow, increase your deposit as your weekly income increases. In five or ten years your days of worry and uncertainty, as to the future, will be gone and you will be

Don't Forget the Number,

1109 East Main Street.

down to the gates at the lower end of the coagulating basins, be operated electrically from a switchboard in the laboratory, so that any gate in the entire system may be immediately

The driveway around the New Reservoir, drains into the reservoir instead of away from it. This should be changed so that no drainage from this driveway will enter our reservoir. 4. The drainage from the south bank of our basins, on which is located the right of way of the James River divi-sion of the Chesapeake and Ohio Railway, is toward our basins. Owing to the curve of this bank, the outer rail is necessarily higher than the inner rail next to our basins. This, of course, cannot be altered, but there should be a protecting trench, with the necessary outfall pipes, to carry the drain-age under the railway into the river, instead of into our basins.

Overflow From Canal.

5. I understand that there is, at one signed to carry off any excess of water in the canal after heavy local rains Some means should be provided for

erable sum. I nevertheless believe that any amount which is involved will be money well spent. Very truly yours, (Signed) E. C. LEVY, Chief Health Officer.

tion plant will probably cost a consid-

in his power to do so.
State Board Approves.

It seems to me highly

point, at least, an overflow from the canal into the river a short distance above our present intake. This is de-